



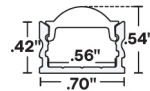
# ESSENTIALS LALO-OPTICS (02)

## STATIC WHITE

### 24VDC Linear Fixtures - Surface & Recessed



Declare.



- Shallow, low-profile linear fixture for surface or recessed installations
- Produces a 17° beam angle
- Mounting options include stainless steel clips, magnets, and low-profile magnet mounts
- Features painted end caps to match extrusion finish
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot per NEC regulations
- Can be suitable for exterior use when specified as wet, contact factory for more information
- Optional plastic louver accessory available in white or black for added glare control

#### INFORMATION REQUIRED FOR LIGHTING SCHEDULE

| 1       | 2         | 3   | 4     | 5          | 6     |
|---------|-----------|-----|-------|------------|-------|
| PRODUCT | WATTS/ FT | CCT | RATED | EFFICIENCY | LENS  |
| LL2SW   |           |     |       | STD        | 17DEG |

#### ADDITIONAL INFORMATION REQUIRED TO ORDER

| 7                  | 8                  | 9                   | 10         | 11        | 12       | 13     | 14          | 15             |
|--------------------|--------------------|---------------------|------------|-----------|----------|--------|-------------|----------------|
| WIRE INPUT/ OUTPUT | CONNECTOR/ WIRE IN | CONNECTOR/ WIRE OUT | WIRE COLOR | WIRE TYPE | MOUNTING | FINISH | LENGTH (IN) | EXACT/ OPTIMAL |
|                    |                    |                     |            |           |          |        |             |                |

Sample Part Number: LL2SW-3.0HE-30-DRY-STD-17-P1-BW-BW-BK-CL2-SST-BK-48"-E

| 1  | PRODUCT   | 2  | WATTS/FT  | 3  | CCT   | 4  | RATED  | 5  | EFFICIENCY   | 6 | LENS  |
|----|---|----|---|----|---|----|--|----|--|---|---|
|    | <b>LL2SW</b><br><br>See following pages for compatible power supplies.  | ▶  | <b>1.5</b> 1.5W/ft<br><b>3.0</b> 3.0W/ft<br><b>4.0</b> 4.0W/ft<br><b>5.0</b> 5.0W/ft<br><b>1.5HE</b> 1.5W/ft HE<br><b>3.0HE</b> 3.0W/ft HE<br><b>6.0HE</b> 6.0W/ft HE   | ▶  | <b>20</b> 2000K<br><b>22</b> 2200K<br><b>24</b> 2400K<br><b>27</b> 2700K<br><b>30</b> 3000K<br><b>35</b> 3500K<br><b>40</b> 4000K   | ▶  | <b>DRY</b> IP20  |    | <b>STD</b> Standard  |   | <b>17DEG</b> Optical 17°<br><br>For representation of LED visibility, see Diode Visibility section on following pages.<br>For beam angles, see Photometric Performance section on following pages<br>For optional snap-on louver ordering, see External Louver Accessory section on following pages |
|    |   | ▶  | <b>3.0HE+</b> 3.0W/ft HE+<br><b>6.0HE+</b> 6.0W/ft HE+  | ▶  | <b>27</b> 2700K<br><b>30</b> 3000K<br><b>35</b> 3500K<br><b>40</b> 4000K  | ▶  |  |    |  |   |   |
|    |   | ▶  | <b>1.5</b> 1.5W/ft<br><b>3.0</b> 3.0W/ft<br><b>4.0</b> 4.0W/ft<br><b>5.0</b> 5.0W/ft<br><b>1.5HE</b> 1.5W/ft HE<br><b>3.0HE</b> 3.0W/ft HE<br><b>6.0HE</b> 6.0W/ft HE   | ▶  | <b>24</b> 2400K<br><b>27</b> 2700K<br><b>30</b> 3000K<br><b>35</b> 3500K<br><b>40</b> 4000K   | ▶  | <b>DMP</b> IP54  |    |  |   |   |
|    |   | ▶  | <b>1.5</b> 1.5W/ft<br><b>3.0</b> 3.0W/ft<br><b>4.0</b> 4.0W/ft<br><b>5.0</b> 5.0W/ft  | ▶  | <b>20</b> 2000K<br><b>22</b> 2200K<br><b>24</b> 2400K<br><b>27</b> 2700K<br><b>30</b> 3000K<br><b>35</b> 3500K<br><b>40</b> 4000K   | ▶  | <b>WET</b> IP67<br><br>Can be suitable for exterior use, contact factory for more information          |    |  |   |   |
|    |   | ▶  | <b>3.0HE+</b> 3.0W/ft HE+<br><b>6.0HE+</b> 6.0W/ft HE+  | ▶  | <b>27</b> 2700K<br><b>30</b> 3000K<br><b>35</b> 3500K<br><b>40</b> 4000K  | ▶  |  |    |  |   |   |
| 7  | WIRE INPUT/OUTPUT   | 8  | CONNECTOR/WIRE IN   | 9  | CONNECTOR/WIRE OUT  | 10 | WIRE COLOR   |    |  |   |   |
|    | <b>SINGLE (Input only)</b><br><b>S1</b> End Feed<br><b>S2</b> Bottom Feed<br><br>For continuous mounting, consider bottom feed.         | ▶  | <b>BW</b> Bare Wire (Standard 24")<br><b>BRL</b> Barrel<br><b>CON6</b> Connector 6"<br><b>CON24</b> Connector 24"<br><br>BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48) | ▶  | <b>CLS</b> Closed End (No feed)   |    | <b>WH</b> White<br><b>BK</b> Black<br><b>N/A</b> For Barrel<br><br>wet barrel only available in black  |    |  |   |   |
|    | <b>PASS THROUGH (Input/output)</b><br><b>P1</b> End Feed<br><b>P2</b> Bottom Feed<br><br>For continuous mounting, consider bottom feed. | ▶  | <b>BW</b> Bare Wire (Standard 24")<br><b>BRL</b> Barrel<br><b>CON6</b> Connector 6"<br><b>CON24</b> Connector 24"<br><br>BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48) | ▶  | <b>BW</b> Bare Wire (Standard 24")<br><b>BRL</b> Barrel<br><b>CON6</b> Connector 6"<br><b>CON24</b> Connector 24"<br><br>BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48) |    |  |    |  |   |   |
| 11 | WIRE TYPE   | 12 | MOUNTING  | 13 | FINISH  | 14 | LENGTH (IN)  | 15 | EXACT/OPTIMAL  |   |   |
|    | <b>CL2</b> Class 2<br><b>CL2P</b> Plenum Rated<br><b>N/A</b> For Barrel<br><br>CL2P only available with bare wire leads (BW)            |    | <b>SST</b> Stainless Steel<br><b>M4</b> Low Profile Magnet<br><b>MG</b> Magnet  |    | <b>ST</b> Satin<br><b>BK</b> Black<br><b>CU</b> Custom  |    | Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12". |    | <b>O</b> Optimal Illumination<br><b>E</b> Exact Specified Length<br><br>Exact fixtures match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end. See Exact/Optimal Fixture Length charts. |   |   |

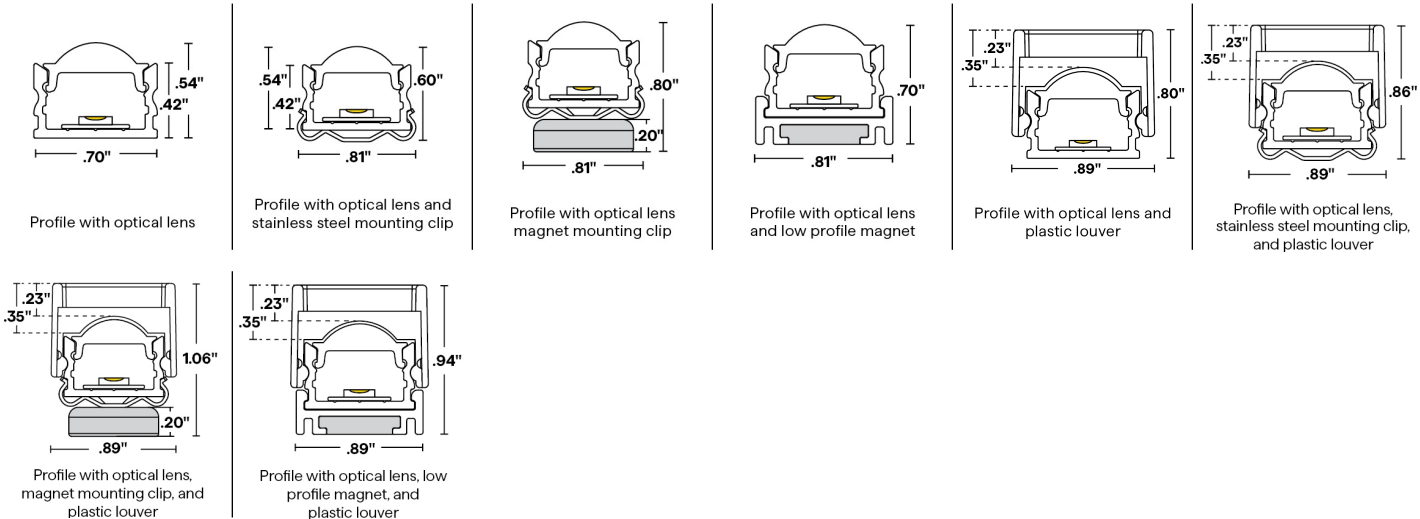
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



# ESSENTIALS LALO-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

## 1 PRODUCT - DIMENSIONS



## 2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs, L70 = 50000 for HE+]  
Tested with LL2SW-\*\*-30-DRY-STD

|    | 1.5 W/FT |     | 1.5HE W/FT |     | 3.0 W/FT |     | 3.0HE W/FT |     | 3.0HE+ W/FT |     | 4.0 W/FT |     | 5.0 W/FT |     | 6.0HE W/FT |     | 6.0HE+ W/FT |     |
|----|----------|-----|------------|-----|----------|-----|------------|-----|-------------|-----|----------|-----|----------|-----|------------|-----|-------------|-----|
|    | LM/FT    | CRI | LM/FT      | CRI | LM/FT    | CRI | LM/FT      | CRI | LM/FT       | CRI | LM/FT    | CRI | LM/FT    | CRI | LM/FT      | CRI | LM/FT       | CRI |
| 17 | 148      | 98  | 193        | 98  | 259      | 98  | 355        | 98  | 506         | 92  | 321      | 98  | 391      | 98  | 672        | 98  | 935         | 92  |

## 6 DIODE VISIBILITY

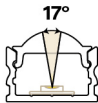


Optical lens

## PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.

17DEG



Optical 17°

## TEMPERATURE RATINGS

|     |                                  | 1.5 W/FT |       | 1.5 HE W/FT |       | 3.0 W/FT |       | 3.0 HE W/FT |       | 3.0 HE+ W/FT |       | 6.0 HE W/FT |       | 6.0 HE+ W/FT |       | 4.0 W/FT |       | 5.0 W/FT |       |
|-----|----------------------------------|----------|-------|-------------|-------|----------|-------|-------------|-------|--------------|-------|-------------|-------|--------------|-------|----------|-------|----------|-------|
|     |                                  | Min      | Max   | Min         | Max   | Min      | Max   | Min         | Max   | Min          | Max   | Min         | Max   | Min          | Max   | Min      | Max   | Min      | Max   |
| DRY | Ambient Operating Temp - Surface | -4°F     | 140°F | -4°F        | 145°F | -4°F     | 130°F | -4°F        | 135°F | -13°F        | 135°F | -4°F        | 120°F | -13°F        | 120°F | -4°F     | 125°F | -4°F     | 120°F |
| DMP | Ambient Operating Temp - Surface | -4°F     | 135°F | -4°F        | 140°F | -4°F     | 125°F | -4°F        | 130°F | **           | **    | -4°F        | 115°F | **           | **    | -4°F     | 120°F | -4°F     | 115°F |
| WET | Ambient Operating Temp - Surface | -4°F     | 135°F | **          | **    | -4°F     | 125°F | **          | **    | -13°F        | 130°F | **          | **    | -13°F        | 115°F | -4°F     | 120°F | -4°F     | 115°F |

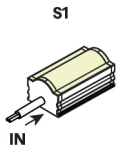


# ESSENTIALS LALO-OPTICS (02) STATIC WHITE

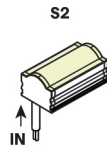
24VDC Linear Fixtures - Surface & Recessed

## 7 WIRE INPUT/OUTPUT

SINGLE (Input only)

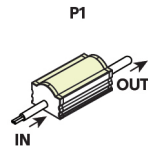


End Feed

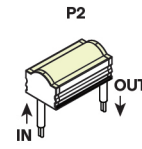


Bottom Feed

PASS THROUGH (Input/Output)

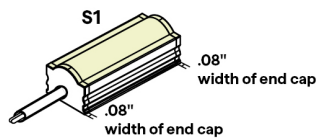


End Feed

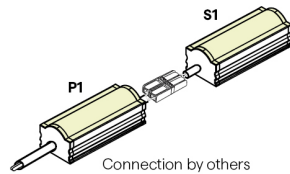


Bottom Feed

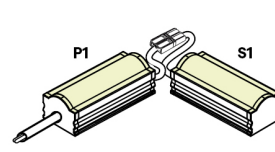
## CONFIGURATION OPTIONS



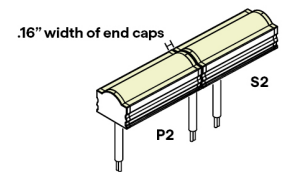
Single End Feed



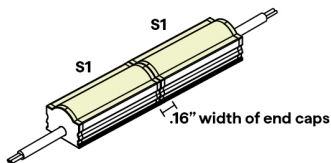
Non-Continuous End Feed



Non-Continuous Corner Feed



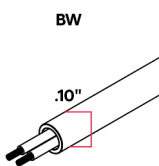
Continuous Bottom Feed



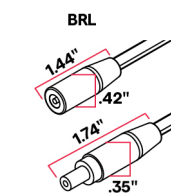
Continuous End to End Feed

## 8 / 9 CONNECTOR/WIRE - IN/OUT

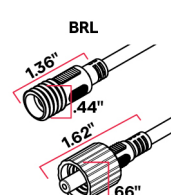
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



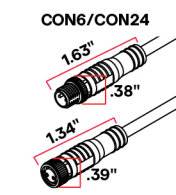
Bare Wire 24"  
Stranded 22 AWG



Barrel 6" - DRY/DMP |  
22 AWG

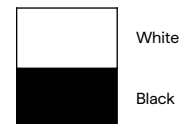


Barrel 6" - WET | 22 AWG



6" or 24" Overall  
Wire Connector | 22 AWG  
IP67 Rated, UL Listed

## 10 WIRE COLOR



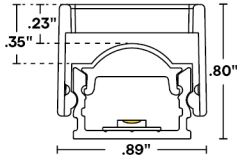
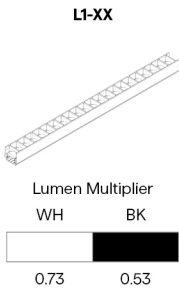
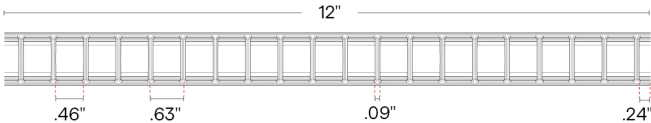


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24VDC Linear Fixtures - Surface & Recessed

## EXTERNAL LOUVER ACCESSORY

PLASTIC

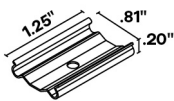


Profile with plastic louver

To order separately use  
LALO-L1-OPTICS-KIT-WH or  
LALO-L1-OPTICS-KIT-BK

## 12 MOUNTING

SST



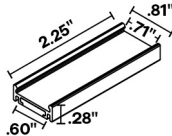
Stainless Steel Clip

2 clips provided for 4' or less; 4 clips provided for greater than 4'

To order separately use SST-01

Each clip comes with a #4 x 5/8" Flat Head SS

M4

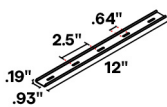


Low Profile Magnet

One M4 provided per foot.

To order separately use  
MG-04

MMA-04



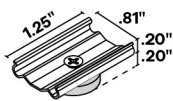
Magnet Mount  
Accessory for M4

Sold separately, to order use  
MMA-04

Each bracket comes with 2 #6 x 5/8" Flat Head SS

Required when mounting to a non-magnetic surface

MG



Magnet Clip

One MG provided per foot

To order separately use MG-01

## 13 FINISH

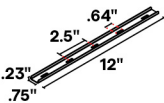


Satin

Black

Custom color available

MMA-01



Magnet Mount  
Accessory of MG-01

Sold separately, to order use  
MMA-01

Each bracket comes with 2 #6 x 5/8" Flat Head SS

Required when mounting to a non-magnetic surface



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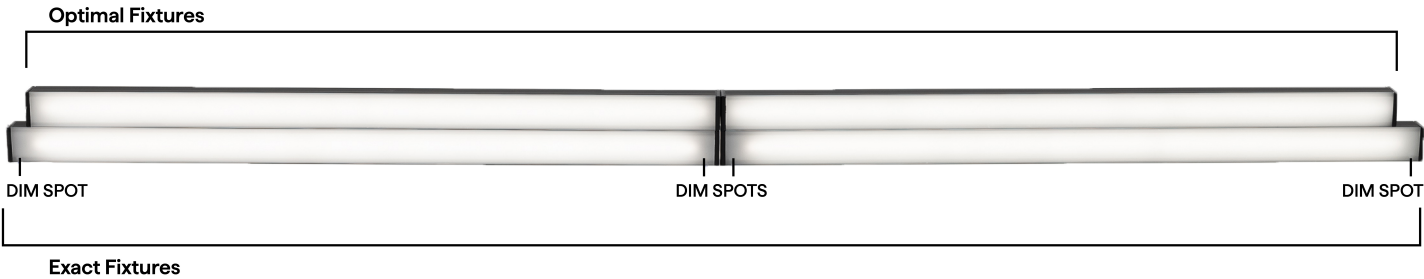
15

EXACT/OPTIMAL FIXTURE LENGTH

E/O Length Calculator →

E/O Explained →

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.



### SW DRY, DMP LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

#### EXACT LENGTH

| Requested Length | Potential dim spot on either end of fixture |
|------------------|---|
| 12"              | .5"   |
| 13"              | .5"   |
| 14"              | .5"   |
| 15"              | .5"   |
| 16"              | .5"   |
| 17"              | .5"   |
| 18"              | .5"   |
| 19"              | .5"   |
| 20"              | .5"   |
| 21"              | .5"   |
| 22"              | .5"   |
| 23"              | .5"   |
| 24"              | .5"   |
| 36"              | .5"   |
| 48"              | .5"   |
| 60"              | .5"   |
| 72"              | .5"   |
| 84"              | .5"   |
| 96"              | .5"   |

#### OPTIMAL LENGTH

| Requested Nominal Length | S1 & S2              |                         | P1 & P2              |                         |
|--------------------------|----------------------|-------------------------|----------------------|-------------------------|
|                          | S1<br>End Feed<br>IN | S2<br>Bottom Feed<br>IN | P1<br>End Feed<br>IN | P2<br>Bottom Feed<br>IN |
| 12"                      |                      |                         |                      |                         |
| 13"                      |                      |                         |                      |                         |
| 14"                      |                      |                         |                      |                         |
| 15"                      |                      |                         |                      |                         |
| 16"                      |                      |                         |                      |                         |
| 17"                      |                      |                         |                      |                         |
| 18"                      |                      |                         |                      |                         |
| 19"                      |                      |                         |                      |                         |
| 20"                      |                      |                         |                      |                         |
| 21"                      |                      |                         |                      |                         |
| 22"                      |                      |                         |                      |                         |
| 23"                      |                      |                         |                      |                         |
| 24"                      |                      |                         |                      |                         |
| 36"                      |                      |                         |                      |                         |
| 48"                      |                      |                         |                      |                         |
| 60"                      |                      |                         |                      |                         |
| 72"                      |                      |                         |                      |                         |
| 84"                      |                      |                         |                      |                         |
| 96"                      |                      |                         |                      |                         |



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24VDC Linear Fixtures - Surface & Recessed

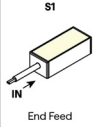
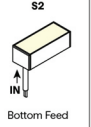
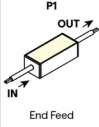
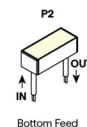
## SW WET LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

### EXACT LENGTH

| Requested Length | Potential dim spot on either end of fixture |
|------------------|---|
| 12"              | .5"   |
| 13"              | .5"   |
| 14"              | .5"   |
| 15"              | .5"   |
| 16"              | .5"   |
| 17"              | .5"   |
| 18"              | .5"   |
| 19"              | .5"   |
| 20"              | .5"   |
| 21"              | .5"   |
| 22"              | .5"   |
| 23"              | .5"   |
| 24"              | .5"   |
| 36"              | .5"   |
| 48"              | .5"   |
| 60"              | .5"   |
| 72"              | .5"   |
| 84"              | .5"   |
| 96"              | .5"   |

### OPTIMAL LENGTH

| Requested Nominal Length | S1 & S2   |   | P1 & P2   |   |
|--------------------------|---|---|---|---|
|                          |  |  |  |  |
| 12"                      | 11.56"  |   | 11.71"  |   |
| 13"                      | 12.56"  |   | 12.71"  |   |
| 14"                      | 13.56"  |   | 13.71"  |   |
| 15"                      | 14.56"  |   | 14.71"  |   |
| 16"                      | 15.56"  |   | 15.71"  |   |
| 17"                      | 16.56"  |   | 16.71"  |   |
| 18"                      | 17.56"  |   | 17.71"  |   |
| 19"                      | 18.56"  |   | 18.71"  |   |
| 20"                      | 19.56"  |   | 19.71"  |   |
| 21"                      | 20.56"  |   | 20.71"  |   |
| 22"                      | 21.56"  |   | 21.71"  |   |
| 23"                      | 22.56"  |   | 22.71"  |   |
| 24"                      | 23.56"  |   | 23.71"  |   |
| 36"                      | 35.56"  |   | 35.71"  |   |
| 48"                      | 47.56"  |   | 47.71"  |   |
| 60"                      | 59.56"  |   | 59.71"  |   |
| 72"                      | 71.56"  |   | 71.71"  |   |
| 84"                      | 83.56"  |   | 83.71"  |   |
| 96"                      | 95.56"  |   | 95.71"  |   |

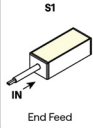
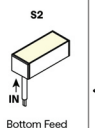
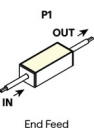
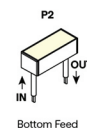
## SW-HE, SW-HE+ DRY LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

### EXACT LENGTH

| Requested Length | Potential dim spot on either end of fixture |
|------------------|---|
| 12"              | 1"  |
| 13"              | 0.5"  |
| 14"              | 1"  |
| 15"              | 0.5"  |
| 16"              | 1"  |
| 17"              | 0.5"  |
| 18"              | 1"  |
| 19"              | 0.5"  |
| 20"              | 1"  |
| 21"              | 0.5"  |
| 22"              | 1"  |
| 23"              | 0.5"  |
| 24"              | 1"  |
| 36"              | 1"  |
| 48"              | 1"  |
| 60"              | 1"  |
| 72"              | 1"  |
| 84"              | 1"  |
| 96"              | 1"  |

### OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

| Requested Nominal Length | S1 & S2   |   | P1 & P2   |   |
|--------------------------|---|---|---|---|
|                          |  |  |  |  |
| 12"                      | 10.41"  |   | 10.66"  |   |
| 13"                      | 12.41"  |   | 12.66"  |   |
| 14"                      | 12.41"  |   | 12.66"  |   |
| 15"                      | 14.41"  |   | 14.66"  |   |
| 16"                      | 14.41"  |   | 14.66"  |   |
| 17"                      | 16.41"  |   | 16.66"  |   |
| 18"                      | 16.41"  |   | 16.66"  |   |
| 19"                      | 18.41"  |   | 18.66"  |   |
| 20"                      | 18.41"  |   | 18.66"  |   |
| 21"                      | 20.41"  |   | 20.66"  |   |
| 22"                      | 20.41"  |   | 20.66"  |   |
| 23"                      | 22.41"  |   | 22.66"  |   |
| 24"                      | 22.41"  |   | 22.66"  |   |
| 36"                      | 34.41"  |   | 34.66"  |   |
| 48"                      | 46.41"  |   | 46.66"  |   |
| 60"                      | 58.41"  |   | 58.66"  |   |
| 72"                      | 70.41"  |   | 70.66"  |   |
| 84"                      | 82.41"  |   | 82.66"  |   |
| 96"                      | 94.41"  |   | 94.66"  |   |



# ESSENTIALS LALO-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

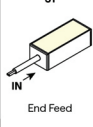
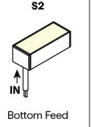
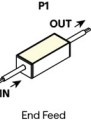
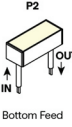
## SW-HE+ WET LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

### EXACT LENGTH

| Requested Length | Potential dim spot on either end of fixture |
|------------------|---|
| 12"              | 1"  |
| 13"              | 0.5"  |
| 14"              | 1"  |
| 15"              | 0.5"  |
| 16"              | 1"  |
| 17"              | 0.5"  |
| 18"              | 1"  |
| 19"              | 0.5"  |
| 20"              | 1"  |
| 21"              | 0.5"  |
| 22"              | 1"  |
| 23"              | 0.5"  |
| 24"              | 1"  |
| 36"              | 1"  |
| 48"              | 1"  |
| 60"              | 1"  |
| 72"              | 1"  |
| 84"              | 1"  |
| 96"              | 1"  |

### OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

| Requested Nominal Length | S1 & S2   |   | P1 & P2   |   |
|--------------------------|---|---|---|---|
|                          |  |  |  |  |
| 12"                      | 10.61"  |   | 10.76"  |   |
| 13"                      | 12.61"  |   | 12.76"  |   |
| 14"                      | 12.61"  |   | 12.76"  |   |
| 15"                      | 14.61"  |   | 14.76"  |   |
| 16"                      | 14.61"  |   | 14.76"  |   |
| 17"                      | 16.61"  |   | 16.76"  |   |
| 18"                      | 16.61"  |   | 16.76"  |   |
| 19"                      | 18.61"  |   | 18.76"  |   |
| 20"                      | 18.61"  |   | 18.76"  |   |
| 21"                      | 20.61"  |   | 20.76"  |   |
| 22"                      | 20.61"  |   | 20.76"  |   |
| 23"                      | 22.61"  |   | 22.76"  |   |
| 24"                      | 22.61"  |   | 22.76"  |   |
| 36"                      | 34.61"  |   | 34.76"  |   |
| 48"                      | 46.61"  |   | 46.76"  |   |
| 60"                      | 58.61"  |   | 58.76"  |   |
| 72"                      | 70.61"  |   | 70.76"  |   |
| 84"                      | 82.61"  |   | 82.76"  |   |
| 96"                      | 94.61"  |   | 94.76"  |   |

## COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

| DIM TO LEVEL | INDOOR   |  | OUTDOOR   |   |
|--------------|--|--|---|---|
|              | SW24/1.5-4.0   | SW24/5.0, SW-HE, SW-HE+  | SW24/1.5-4.0  | SW24/5.0, SW-HE, SW-HE+   |
| Dim to Black | Q6M-DC+CAP<br>QTM-DC+CAP<br>iQ-PH<br>iQ-PH+QD1   | Q6M-DC+CAP<br>QTM-DC+CAP<br>iQ-PH<br>iQ-PH+QD1   | QOM-DC+CAP<br>QOM-PH  | QOM-DC+CAP<br>QOM-PH  |
| 0.1%         | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-BOWTIE+DIMMER<br>QZ-DMX<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-BOWTIE+DIMMER<br>QZ-DMX<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | Q-SET-QZ-DMX<br>Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QOM-eLED+DALI-DT6<br>QOM-eLED+PS-DALI-DT6<br>QZ-DMX<br>QZ-PH/0-10V | Q-SET-QZ-DMX<br>Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QOM-eLED+DALI-DT6<br>QOM-eLED+PS-DALI-DT6<br>QZ-DMX<br>QZ-PH/0-10V |
| 1%           | QTM-eLED(E)<br>QZ-DALI-DT6   | QTM-eLED(E)<br>QZ-DALI-DT6   | Q-SET+QZ-DALI-DT6   | Q-SET+QZ-DALI-DT6   |
| 10%          | Non-Dim Power Supply with SW App Dongle  | Non-Dim Power Supply with SW App Dongle  | Q-HEX-mini-DC<br>Q-SET-mLED   |   |


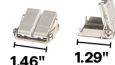





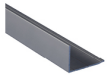


# ESSENTIALS LALO-OPTICS (02) STATIC WHITE


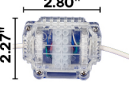





24VDC Linear Fixtures - Surface & Recessed

| DIMMING PROTOCOL | INDOOR   |  | OUTDOOR   |  |
|------------------|--|--|---|--|
|                  | SW24/1.5-4.0   | SW24/5.0, SW-HE, SW-HE+  | SW24/1.5-4.0  | SW24/5.0, SW-HE, SW-HE+  |
| Non-Dim          | QT-CAB-eLED-ND<br>QTM-eLED-ND<br>QZ-ND   | QT-CAB-eLED-ND<br>QTM-eLED-ND<br>QZ-ND   | Q-SET-QZ-ND<br>Q-SET-eLED-ND<br>QOM-eLED-ND<br>QZ-ND<br>iQ-ND-50-65                     | Q-SET-QZ-ND<br>Q-SET-eLED-ND<br>QOM-eLED-ND<br>QZ-ND<br>iQ-ND-50-65    |
| Phase            | Q6M-DC+CAP<br>QT-CAB-QZ-PH/0-10V<br>QTM-DC+CAP<br>QTM-eLED(E)<br>QZ-BOWTIE+DIMMER<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP<br>iQ-PH<br>iQ-PH+QD1  | Q6M-DC+CAP<br>QT-CAB-QZ-PH/0-10V<br>QTM-DC+CAP<br>QTM-eLED(E)<br>QZ-BOWTIE+DIMMER<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP<br>iQ-PH<br>iQ-PH+QD1  | Q-HEX-mini-DC<br>Q-SET-QZ-PH/0-10V<br>Q-SET-mLED<br>QOM-DC+CAP<br>QOM-PH<br>QZ-PH/0-10V | Q-SET-QZ-PH/0-10V<br>QOM-DC+CAP<br>QOM-PH<br>QZ-PH/0-10V               |
| 0-10V            | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | QT-CAB-QZ-PH/0-10V<br>QT-CAB-eLED+0-10V<br>QT-CAB-eLED+0-10V-AWN<br>QTM-eLED+0-10V<br>QTM-eLED+0-10V-AWN<br>QZ-PH/0-10V<br>QZ-STICK-PH/0-10V<br>QZLP | Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QZ-PH/0-10V                  | Q-SET-QZ-PH/0-10V<br>Q-SET-eLED+0-10V<br>QOM-eLED+0-10V<br>QZ-PH/0-10V |
| Lutron Athena    | QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6-AWN   | QT-CAB-eLED+0-10V-AWN<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+0-10V-AWN<br>QTM-eLED+DALI-DT6-AWN   |   |  |
| ECO System       | QTM-eLED(E)  | QTM-eLED(E)  |   |  |
| DMX              | QZ-DMX   | QZ-DMX   | Q-SET-QZ-DMX<br>QZ-DMX  | Q-SET-QZ-DMX<br>QZ-DMX   |
| DALI-2: DT6      | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-DALI-DT6  | QT-CAB-eLED+DALI-DT6<br>QT-CAB-eLED+DALI-DT6-AWN<br>QTM-eLED+DALI-DT6<br>QTM-eLED+DALI-DT6-AWN<br>QZ-DALI-DT6  | Q-SET+QZ-DALI-DT6<br>QOM-eLED+DALI-DT6  | Q-SET+QZ-DALI-DT6<br>QOM-eLED+DALI-DT6                                 |
| SCENE App Dimmed | Non-Dim Power Supply with SW App Dongle  | Non-Dim Power Supply with SW App Dongle  |   |  |

## COMPATIBLE MOUNTING ACCESSORIES

|   |   |  |   |   |   |  |   |
|---|---|--|---|---|---|--|---|
| <b>HINGE - HMB-M</b><br><br>1.41" .71"<br>Adjustable mounting bracket - Medium | <b>HINGE - HMB-L</b><br><br>1.46" 1.29"<br>Adjustable mounting bracket - Large | <b>HINGE - HMB-XL</b><br><br>1.46" 4"<br>Adjustable mounting bracket - XLarge | <b>Q-PIVOT</b><br><br>.75" 1.03"<br>Small mounting accessory | <b>Q-ANGLE</b><br><br>2.23" 1.38"<br>Adjustable mounting accessory | <b>NU-GRAZER</b><br><br>U Mounting Bracket | <b>NJ-GRAZER</b><br><br>J Mounting Bracket | <b>BL-GRAZER</b><br><br>Backwards L Mounting Bracket |
|---|---|--|---|---|---|--|---|

## COMPATIBLE WIRING ACCESSORIES

|  |  |  |  |   |   |   |
|--|--|--|--|---|---|---|
| <b>Q-mini-J</b><br><br>2" 1.25"<br>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone) | <b>Q-mini-J5</b><br><br>2.80" 2.27"<br>UL Listed, miniature junction box, DRY/DMP (WET rated with silicone) | <b>BARREL-EXT</b><br><br>8ft barrel cable extender DRY ONLY | <b>BARREL FOUR-FER</b><br><br>Splits lead from one to four LED Barrel connector fixtures, DRY/DMP | <b>CON120-EXT</b><br><br>10ft Con cable extender DRY/DMP/WET | <b>CON FOUR-FER</b><br><br>Splits lead from one to four LED Con connectors DRY/DMP/WET | <b>CON M - BARREL F</b><br><br>Male con to barrel cable adaptor DRY/DMP |
|--|--|--|--|---|---|---|





## ESSENTIALS LALO-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

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### COMPATIBLE CONTROL ACCESSORIES

#### SCENE APP DONGLE



Wi-Fi or Bluetooth  
Connectivity